

ABSTRACT

A slide hammer includes three major components, namely, a guide sleeve, a plunger and an impact head. The plunger is inserted within the guide sleeve. The impact head is secured within the distal end of the guide sleeve, and has a portion which protrudes from the guide sleeve distal end. The impact head is able to freely slide within a segmented portion of the guide sleeve distal end, or the impact head movement may be controlled by a spring. The plunger is slid within the guide sleeve at a selected velocity in order to contact the portion of the impact head slidably secured within the guide sleeve.

The force of the plunger striking the impact head is transmitted through the impact head to a targeted object in contact with the protruding portion of the impact head. The impact head may be fitted with various types of tips. Each of the tips has particular advantages in applying force to a targeted object.

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